(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 18 December 2003 (18.12.2003)

PCT

(10) International Publication Number WO 03/103700 A1

- (51) International Patent Classification⁷: A61K 38/16, 38/36
- (21) International Application Number: PCT/US03/15404
- (22) International Filing Date: 6 June 2003 (06.06.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/386,562

7 June 2002 (07.06.2002) US

- (71) Applicants (for all designated States except US): U.S. DEPARTMENT OF VETERANS AFFAIRS [US/US]; Office of general Counsel PSG IV (024), 810 vermont Avenue N.W., Washington, D.C. 20420 (US). THE BRIGHAM & WOMEN'S HOSPITAL, INC. [US/US]; 75 Francis Street, Boston, MA 02115 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GILBERT, Gary, E. [US/US]; U.S. DEPARTMENT OF VETERANS AF-FAIRS, Office of general Counsel - PSG IV (024), 810 Vermont Avenue N.W., Washington, D.C. 20420 (US). SHI, Jialan [CN/US]; U.S. DEPARTMENT OF VETERANS AFFAIRS, Office of general Counsel - PSG IV (024), 810 vermont Avenue N.W., Washington, D.C. 20420 (US).

- (74) Agent: AGARWAL, Dinesh; Dinesh Agarwal, P.C., 5350 Shawnee Road, Suite 330, Alexandria, VA 22312 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

03/103700 A1

(54) Title: METHOD AND COMPOSITION FOR INHIBING OR SLOWING BLOOD COAGULATION

(57) Abstract: A method and composition for inhibiting or slowing blood coagulation includes lactadherin, a fragment of lactadherin, a functional equivalent of lactadherin, or a functional equivalent of lactadherin.